

Client



Source



Lavender Population (Lavender Fine) (Lavandula angustifolia)

FR-59429 - France

Sample

Lavender Population (Lavender Fine)

Identification #: FR-59429

Type:..... Essential Oil

CAS Number:... 8000-28-0

Nature's Gift

Properties

Country Of Origin | France

Specific Gravity | NT

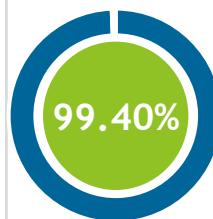
Refractive Index | NT

Primary

27.87%Linalool25.11%Linalyl acetate5.44%(E)-beta-Farnesene

Esters

36.59%



Percentage Identified

Result



1/28/2025

Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Essential Oil of Lavender Population (Lavender Fine) (Lavandula angustifolia)

Internal Number: | EVS-6556



Essential Validation Services

240 Goose Hollow Road

Berthoud, CO 80513

317.361.5044 |

<https://essentialvalidationservices.com/>

Monoterpenes	7.36%	7.36%
Sesquiterpenes	11.74%	11.74
Monoterpenols	36.17%	36.17
Sesquiterpenols		0.08%
Ketones	3	3.05%
Esters	36.59%	36.59
Ethers	2	2.75%
Aldehydes		0.13%
Phenols		0.00%
Other	2	2.06%

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Total Percentage		99.40%		
Number	RT	Area %	Compound Name	Chemical Family
1	4.51	0.03%	Butyl acetate	Aliphatic Ester
2	4.80	0.45%	Methyl hexyl ether	Aliphatic Ether
3	5.61	0.02%	cis-Hex-3-en-1-ol	Aliphatic Alcohol
4	6.03	0.15%	1-Hexanol	Aliphatic Alcohol
5	7.74	0.02%	Tricyclene	Monoterpene
6	7.90	0.13%	alpha-Thujene	Monoterpene
7	8.15	0.19%	alpha-Pinene	Monoterpene
8	8.76	0.12%	Camphene	Monoterpene
9	8.95	0.02%	Isobutyl butyrate	Aliphatic Ester
10	9.70	0.05%	Sabinene	Monoterpene
11	9.86	0.04%	beta-Pinene	Monoterpene
12	10.10	0.34%	1-Octen-3-ol	Aliphatic Alcohol
13	10.28	2.51%	Octan-3-one	Aliphatic Ketone
14	10.44	0.80%	Myrcene	Monoterpene
15	10.73	0.25%	Butyl butyrate	Aliphatic Ester
16	10.80	0.86%	3-Octanol	Aliphatic Alcohol
17	11.09	0.05%	alpha-Phellandrene	Monoterpene
18	11.19	0.08%	delta-3-Carene	Monoterpene
19	11.44	1.44%	Hexyl acetate	Aliphatic Ester
20	11.56	0.04%	alpha-Terpinene	Monoterpene
21	11.69	0.04%	o-Cymene	Monoterpene
22	11.90	0.27%	para-Cymene	Monoterpene
23	12.18	1.61%	1,8-Cineole	Monoterpene Ether
24	12.48	2.56%	(Z)-beta-Ocimene	Monoterpene
25	12.94	2.20%	(E)-beta-Ocimene	Monoterpene
26	13.40	0.13%	gamma-Terpinene	Monoterpene
27	13.96	0.40%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
28	14.16	0.08%	1-Octanol	Aliphatic Alcohol
29	14.63	0.06%	Terpinolene	Monoterpene
30	14.69	0.26%	trans-Linalool oxide (5) (furanoid)	Monoterpenol
31	15.16	0.02%	alpha-Pinene oxide	Monoterpene Ether
32	15.57	27.87%	Linalool	Monoterpenol
33	15.63	0.01%	Hotrienol	Monoterpenol
34	15.66	0.02%	Hexyl propanoate	Monoterpene Ester
35	15.79	1.48%	1-Octenyl-3 acetate	Monoterpene Ester

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Number	RT	Area %	Compound Name	Chemical Family
36	15.948	0.03%	Heptyl acetate	Monoterpene Ester
37	16.32	0.30%	Octan-3-yl acetate	Aliphatic Ester
38	16.43	0.03%	cis-para-Menth-2-en-1-ol	Monoterpenol
39	16.66	0.54%	Alloocimene	Monoterpene
40	16.90	0.02%	12.68 Butyl tiglate	0.00
41	17.16	0.04%	(Z)-Epoxy-ocimene	Monoterpene
42	17.35	0.25%	Camphor	Monoterpene Ketone
43	17.57	0.19%	Hexyl isobutyrate	Monoterpene Ester
44	17.71	0.02%	Nerol oxide	Monoterpene Ether
45	17.89	0.01%	Sabina ketone	Monoterpene Ketone
46	18.32	1.42%	Lavandulol	Monoterpenol
47	18.58	0.64%	Borneol	Monoterpenol
48	18.81	0.06%	cis-Linalool oxide (6) (pyranoid)	Monoterpenol
49	19.00	3.98%	Terpinen-4-ol	Monoterpenol
50	19.21	0.24%	Cryptone	Monoterpene Ketone
51	19.34	0.08%	para-Cymen-8-ol	Monoterpenol
52	19.61	1.27%	Hexyl butyrate	Aliphatic Ester
53	19.68	1.18%	alpha-Terpineol	Monoterpenol
54	19.94	0.02%	15.67 Octenol acetate<2Z->	0.00
55	20.21	0.01%	Dihydrocitronellol	Synthetic
56	20.42	0.03%	16.55 Cyclocitral<beta->	0.00
57	20.47	0.02%	Octyl acetate	Aliphatic Ester
58	20.80	0.01%	trans-Carveol	Monoterpenol
59	21.08	0.20%	Nerol	Monoterpenol
60	21.58	0.13%	Hexyl 2-methyl butanoate	Monoterpene Ester
61	21.76	0.10%	Cuminal	Monoterpene Aldehyde
62	21.84	0.04%	Carvone	Monoterpene Ketone
63	22.36	25.11%	Linalyl acetate	Monoterpene Ester
64	22.99	0.01%	Geranial	Monoterpene Aldehyde
65	23.23	0.05%	Isopulegyl acetate	Monoterpene Ester
66	23.32	0.02%	Phellandral	Monoterpene Aldehyde
67	23.64	0.11%	Bornyl acetate	Monoterpene Ester
68	23.77	4.15%	Lavandulyl acetate	Monoterpene Ester
69	24.06	0.03%	Cumin alcohol	Monoterpenol
70	25.72	0.12%	Hexyl tiglate	Monoterpene Ester

